the under side the figure in the plate gives a correct representation of the color and markings. Expanse, 1.10 inch.

Early Stages.—Unknown.

The species occurs in northern California, Utah, Nevada, Oregon, and Washington.

(2) Lycsena heteronea, Boisduval, Plate XXXI, Fig. 13, $; Fig. 14, ?; Plate XXXII, Fig. 19, ?, *under side* (The Varied Blue).

Butterfly.—*On* the upper side the male is blue, the female brown. On the under side the wings are white, with faint pale-brown spots on the hind wings and distinct black spots on the fore wings, more numerous than in *L. lycea*, which it closely resembles on the under side. It is the largest species of the genus, and the female reminds us by its markings on the upper side of the females of *Chrysophanus*. Expanse, 1.25-1.40 inch.

Early Stages.—*These await description.*

Heteronea ranges from Colorado to California, at suitable elevations among the mountains.

(3) Lycaena clara, Henry Edwards, Plate XXX, Fig. 26, ? (The Bright Blue).

Butterfly.— The figure in the plate is that of the type of the female, the only specimen in my collection. Expanse, 1.15 inch.

Early Stages.—*These are entirely unknown.*

The type came from southern California.

(4) Lycsena lycea, Edwards, Plate XXXII, Fig. f 8, *$, under side* (Lycea).

Butterfly. —The perfect insect is very nearly as large as *L. beteronea.* The male is lilac-blue on the upper side, with the margins dusky. The black spots of the under side do not show through on the upper side, as in *L. beteronea.* The female is dusky, with the wings shot with blue at their bases, more especially on the fore wing. There are no black spots on the upper side of the wings in this sex, as in *L. heteronea.* On the under side the wings are whitish. The spots on this side are well delineated in our figure in Plate XXXII. Expanse, 1.30 inch.

Early Stages. — These await description.

The butterfly is found in the region of the Rocky Mountains, from New Mexico to Montana.

(5) Lycsena fulla, Edwards, Plate XXX, Fig. 24, ♂ ; Fig. 25, ♀ (Fulla).

Butterfly. — Smaller than the preceding species. The upper